Figure 1

Figure 2

Figure 3

$$(TG)_{10}.(CA)_{10}.O-P-O(CH_{2})_{6}S \xrightarrow{N} (O)_{n} ($$

Figure 6

D1-NH
$$^{\circ}$$
 = N-O $^{\circ}$ NH-D1 $^{\circ}$ NH-D1 $^{\circ}$ 204; average n = approximately 76 (PEG 3.3K)

200; average n = approximately 503 (PEG 20K)

201; average n = approximately 114 (PEG 5K)

205; average n = approximately 261 (PEG 12K)

301; average n = approximately 682 (PEG 30K)

202; average n = approximately 503 (PEG 20K)

Figure 7

Formula 10

Formula 11

$$H_2NO-G_2$$
 O
 O
 O
 G_2-ONH_2
 H_2NO-G_2
 G_2-ONH_2
Formula 13

Figure 8

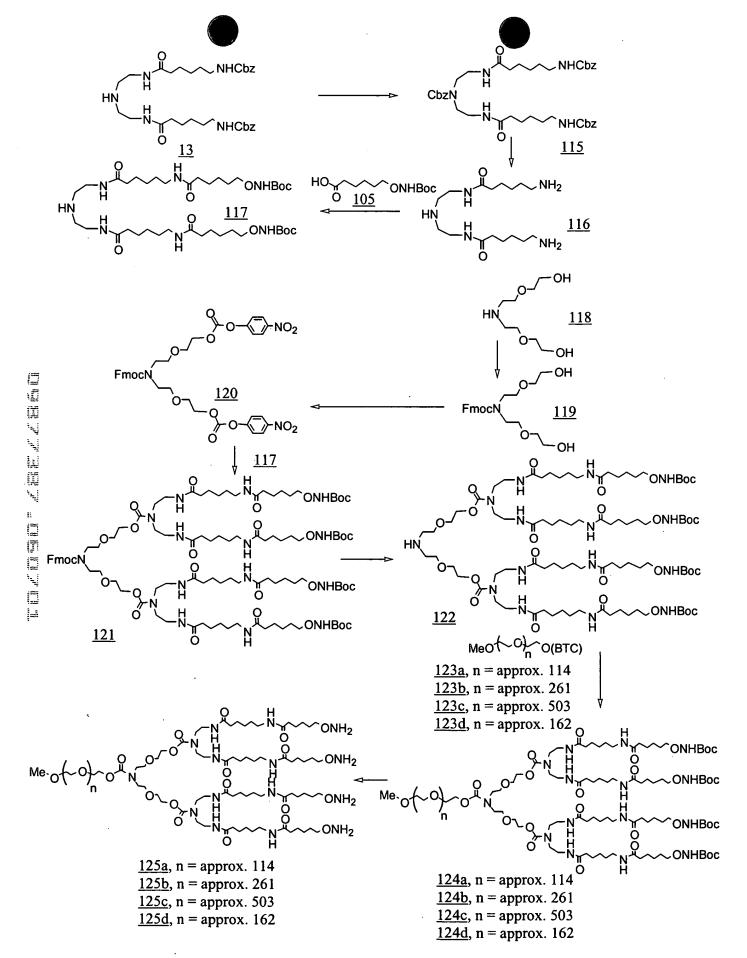


Figure 9

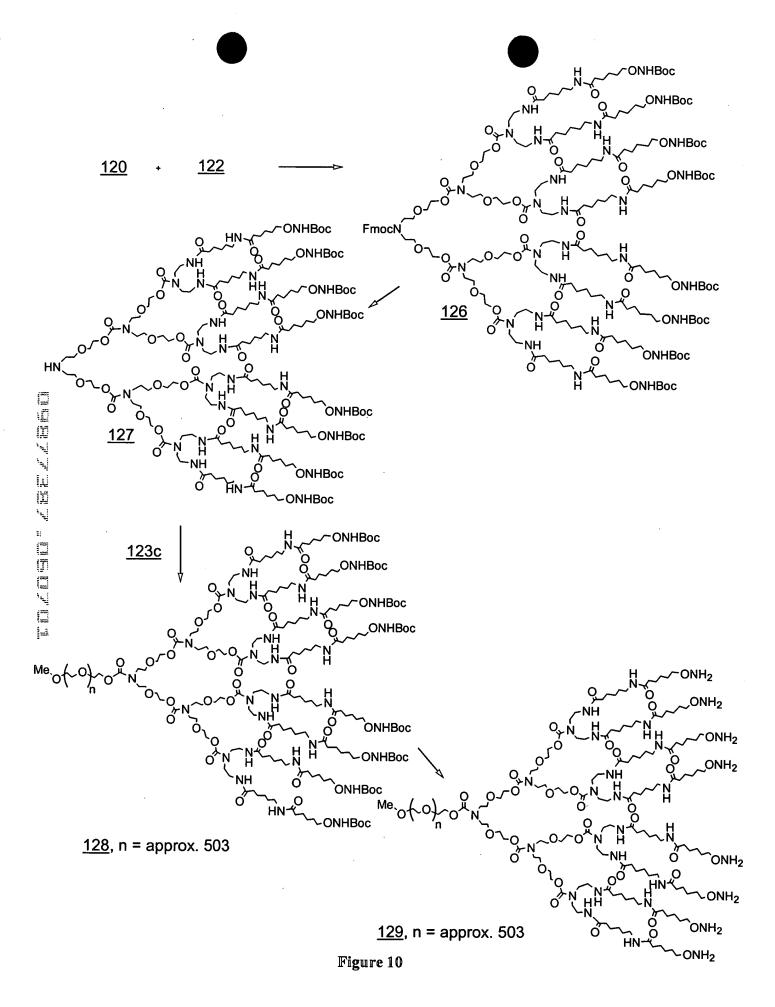


Figure 11

PNPO TO OPNP + BochN
$$\leftarrow \bigcirc$$
 NH2 \rightarrow NHBoc \rightarrow

Figure 12

Figure 13

Figure 15

Figure 16

300, n = approx. 503

Figure 17

D1-NH
$$\stackrel{O}{\longrightarrow}$$
 N-O-O-O-N $\stackrel{H}{\longrightarrow}$ O-O-O-N $\stackrel{O}{\longrightarrow}$ NH-D1 $\stackrel{O}{\longrightarrow}$ N = approx. 500

Figure 18

	acc Thr							48
	aaa Lys							96
	ggc Gly 35							144
	gga Gly							192

Figure 19

Domain 1 of β_2GPI (D₁, where bold letters stand for single letter amino acid code of terminal amino acids of Domain 1 of $\beta_2GPI)$

Transaminated Domain 1 (**TA/D1**) Comprising a terminal glyoxyl group